

DESCRIPTIONS OF NEW SPECIES OF AUSTRALIAN  
ELACHISTIDÆ, ETC.

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TINEINA.

ÆCOPHORIDÆ.

PHLÆOPOLA SCIASPILA, n. sp.

Male, 12 mm. Head and palpi whitish, second joint of palpi with a blackish apical and a blackish lateral stripe on basal two-thirds, and blackish apical ring. Thorax white, irrorated with fuscous, anteriorly dark fuscous. Antennæ greyish. Legs greyish, posterior pair fuscous, tibiæ and tarsi banded with whitish. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; white, finely irrorated with fuscous and with blackish markings; a basal spot in middle; a spot on costa at one-fifth; a second below and beyond; a third in middle beyond last two; an irregular elongate spot on costa at three-quarters; a short spot at end of cell, and another before and below; a darker suffused spot on costa at five-sixths, from which proceeds an oblique, fuscous shade towards anal angle; a few small, suffused dots along lower half of termen; cilia fuscous whitish, with a darker line below apex. Hindwings fuscous; cilia fuscous-whitish. A small species, distinct by the number of dots; the first four are very clear. Nearest *turbatella*, Walk.

Duaringa, Queensland. One specimen; in November.

OCYSTOLA HELIOTRICHA, n. sp.

Male, 20 mm. Head, thorax, antennæ, abdomen, and legs black, antennal ciliations four. Palpi orange, terminal joint black. Forewings elongate, moderate, costa hardly arched, termen oblique; orange; a narrow black streak along basal fourth of costa, extended at base to inner margin, thence continued along inner margin and gradually dilated to beyond middle, thence broadly dilated to reach costa, and fill up rest of apical and terminal portions of wing, upper half slightly curved anteriorly; cilia orange, with a black spot at apex. Hindwings orange; a broad, black band along termen; cilia black.

Exceptionally distinct by the orange wings and black markings.

Tasmania (probably Hobart); one specimen; in November.

## BORKHAUSENIA (?) ERYTHROCEPHALA, n. sp.

Female, 14 mm. Head pale red, face paler. Thorax dark fuscous. Antennæ dark fuscous (imperfect). Abdomen and legs pale ochreous, anterior legs infuscated. Forewings elongate, moderate, costa gently arched, termen oblique, apex pointed; dark fuscous, somewhat mixed with reddish, and minutely irrorated with blackish scales; cilia dark fuscous. Hindwings elongate, apex pointed; fuscous; cilia pale ochreous. Underside of *both* wings clothed with blackish scales.

A species of doubtful affinity, and doubtfully referred; the antennæ are imperfect, and the wings are more pointed than usual.

Broken Hill, N.S.W. One specimen; in April.

## BORKHAUSENIA AMPHIXANTHA, n. sp.

Male, 14 mm. Head and palpi pale ochreous, base of second joint externally and terminal joint of palpi fuscous. Antennæ fuscous, obscurely annulated with pale ochreous. Thorax fuscous, patagia ochreous. Abdomen fuscous, legs fuscous, banded above with ochreous. Forewings elongate, moderate, costa gently arched, termen obliquely rounded; pale yellowish, with fuscous markings; a spot at base of costa; a thick suffused streak along fold throughout; a narrow streak along costa, interrupted near base, and before and beyond middle; a dot on fold in middle; a second on fold at two-thirds, both connected with costa by a narrow shade; dorsal portion of wing suffused with fuscous, except near base and middle; a moderate apical patch; cilia fuscous, slightly ochreous-tinged at base. Hindwings light fuscous; cilia as in forewings. Somewhat allied to *Sulfurea*, Meyr., and *Protoxantha*, Meyr., but differs from both by the narrow forewings and other details.

Melbourne, Victoria. One specimen; in April.

## ELACHISTIDÆ.

## BATRACHEDRA ZONOCYTRA, n. sp.

Female, 10 mm. Head, palpi, thorax, antennæ, and abdomen pale greyish-ochreous, palp rather short, antennæ with strong pecten. Legs whitish, more or less banded with greyish-ochreous. Forewings elongate-lanceolate; pale grey-whitish, with rather obscure ochreous markings; a narrow transverse basal fascia; a second, similar, at about one-third; a third in middle; a more or less developed longitudinal streak in middle of wing, better developed, from posterior edge of third fascia to apex; a suffused patch at apex; containing a darker spot above anal angle; a narrow streak

along fold from beyond third fascia to below spot; cilia greyish, becoming fuscous tinged at base. Hindwings rather broadly lanceolate; grey; cilia five, pale greyish-ochreous.

Broken Hill, New South Wales. One specimen; in January.

BATRACHEDRA STENOSEMA, n. sp.

Male, 14 mm. Head, thorax, palpi, and antennæ ashy-grey-whitish, palpi whitish internally, antennæ obscurely ringed with fuscous, post-orbital rims whitish. Abdomen greyish-ochreous. Legs ashy-grey-whitish, posterior tibiæ and tarsi banded with dark fuscous. Forewings linear-lanceolate; ashy-grey-whitish, with blackish markings; a fine streak along fold; a second median, more or less interrupted, better developed on posterior half; a third, subcostal, only traceable on posterior half; an elongate spot on anal angle, some scales at apex; cilia grey. Hindwings very narrow, lanceolate-linear; grey; cilia grey-whitish.

Not unlike *Sterilis*, Meyr., but without the costal spots.

Broken Hill, New South Wales. One specimen; in April.

BATRACHEDRA (?) LYGROPIS, n. sp.

Female, 11 mm. Head dull whitish. Thorax fuscous. Palpi ashy-grey-whitish, internally whitish. Antennæ with moderate pecten, fuscous. Abdomen greyish. Anterior and middle legs fuscous, posterior pair whitish, tibiæ with two black bands, tarsi ringed with fuscous. Forewings elongate-lanceolate; ashy-grey-whitish, with fuscous markings; a moderately defined, flattened spot on fold just beyond middle, and a second similar on fold before anal angle; apical portion of wing slightly darker than general ground colour; cilia cinereous grey, terminal half grey. Hindwings lanceolate; dark grey; cilia greyish-ochreous.

Not unlike in general appearance *Artiastis ptochopa* (*Æcophoridae*) Meyr.

Broken Hill, New South Wales. One specimen; in April.

BATRACHEDRA HYPOLEUCA, n. sp.

Female, 11 mm. Head, palpi, antennæ, thorax, and abdomen dull coppery-fuscous, abdomen beneath with broad whitish bands. Legs dark fuscous, posterior pair banded with whitish. Forewings elongate-linear; shining dark coppery-fuscous; cilia dark fuscous, becoming paler around anal angle. Hindwings fuscous, somewhat shining metallic; cilia dark fuscous on costa and around anal angle, greyish-ochreous on other portions.

Rather an inconspicuous species, but readily known by the whitish bands on under side of abdomen.

Broken Hill, New South Wales. One specimen; in October.

## CALICOTIS MICROGALOPSIS, n. sp.

Male, 8 mm. Head, palpi, thorax, antennæ, abdomen, and legs shining snow white, posterior tarsi with whorls of long hairs at apex of joints, somewhat fuscous tinged. Forewings elongate, narrow; shining snow white; cilia snow white. Hindwings linear-lanceolate; white; cilia white.

Mackay, Queensland. Two specimens; in November.

The species is tolerably common, but owing to the active flight, and habit of falling to the ground when disturbed, were difficult to obtain.

## STATHMOPODA TRICHOPEDA, n. sp.

Male, 9-10 mm. Head and thorax dark fuscous, with coppery metallic reflections, face whitish. Palpi pale ochreous, terminal joint infuscated. Antennæ fuscous-coppery, fillet brassy metallic, basal joint ochreous. Legs pale ochreous, posterior pair dark fuscous, posterior tibiæ with tufts of bristly hairs at joints. Abdomen ochreous-orange, segmental margins fuscous, paler beneath. Forewings elongate, narrow; bright orange; markings deep coppery purplish; a moderate streak along basal one-fifth of costa, at base extended to inner margin; an outwardly oblique blackish line from middle of costa to just beyond middle of inner margin, beyond which the rest of wing is deep coppery-purplish, with a suffused blackish blotch in middle, hardly separated from ground colour; cilia dark fuscous. Hindwings elongate-lanceolate; shining bronzy-ochreous; cilia orange, fuscous around anal angle.

Recalls species of *Calicotis* in general appearance.

Mackay, Queensland. Five specimens; in November. Appearing to frequent one of the *Leguminosæ*.

## STATHMOPODA HOLOBAPTA, n. sp.

Male, female, 10 mm. Head and palpi shining ochreous-white, terminal joint of palpi more ochreous. Antennæ ochreous, basal joint whitish. Thorax yellowish-orange, with two or three metallic longitudinal stripes. Abdomen blackish above, beneath white, anal tuft ochreous. Legs whitish, fuscous tinged, anterior coxæ shining white, posterior legs with blackish tufts at extremities of joints. Forewings narrow elongate; orange-ochreous, with shining golden metallic markings; a streak along costa from middle to apex; a longitudinal streak from base of costa, above and parallel to fold, thence reaching costa again at apex; a short, oblique streak from base of costa to one-quarter inner margin; a narrow streak in middle of fold; cilia fuscous. Hindwings bronzy fuscous; cilia fuscous, at base dull orange.

Probably nearest *Cyanopla*, Meyr., but differs, especially by colour of head, face, and abdomen, and other details.

Melbourne, Victoria. Two specimens; in November.

*AEOLOSCELIS AULACOSEMA*, n. sp.

Male, female, 10-12 mm. Head and thorax brownish-ochreous. Palpi whitish, annulated with fuscous. Palpi white, ringed throughout with fuscous. Legs silvery-white, tibiae and tarsi banded above with fuscous. Abdomen greyish. Forewings narrow elongate; brownish-ochreous; a narrow, curved, interrupted black, posteriorly whitish-edged fascia, from costa at one-sixth to inner margin at one-quarter; a small black whitish-edged dot above fold about middle, below which is a leaden suffusion extending to fascia, but widely interrupted in middle; two fine, white elongate, subcostal lines at three-quarters, only separated from each other by a narrow black streak; below the lower streak is a strongly marked line of black, from posterior extremity of which proceeds a fine white line along fold towards the white-edged dot, but suddenly obliquely deflected to inner margin beyond middle before reaching it; a fine white line along fold immediately below, edged above with its similar width of black; a rather large, conspicuous black dot at apex, edged with white; a short, erect, anteriorly whitish-edged black spot at anal angle; cilia greyish-ochreous, becoming fuscous around apex, with a sharp black basal line and apical tooth. Hindwings greyish fuscous; cilia greyish-ochreous.

Mackay, Queensland. Several specimens amongst dry grass; in November and December.

*AEOLOSCELIS EUPHÆDRA*, n. sp.

Male, female, 9-12 mm. Head, palpi, antennæ, and thorax shining snow-white, antennæ slightly ochreous-tinged, thorax anteriorly bright ochreous. Abdomen ochreous, segmental margins whitish, more pronounced beneath. Legs silvery white, more or less banded with ochreous. Forewings narrow elongate; shining snow white, with bright ochreous markings; three well-defined rather broad, transverse fasciæ, edges irregular; first close to base; second from before middle of costa to middle of inner margin; third obscure, from five-sixths costa to three-quarters inner margin, with a slight sinuation above middle on anterior edge; a narrow, light ochreous, irregularly-edged fascia along termen; cilia greyish-ochreous, becoming ochreous at base. Hindwings elongate-lanceolate; light fuscous; cilia pale ochreous.

Mackay, Queensland. Four specimens, at light; in November.

## AEOLOSCELIS PETROSARCA, n. sp.

Male, female, 10-12 mm. Head, palpi, antennæ, and thorax pale fleshy-ochreous, palpi whitish internally. Abdomen ochreous, whitish beneath. Legs whitish, posterior pair greyish-tinged. Forewings narrow elongate; pale fleshy-ochreous; a strong inwardly oblique narrow white streak from costa at three-fifths to inner margin in middle, edged posteriorly narrowly with black, especially on upper two-thirds; a fuscous dot on costa at three-quarters, and another in anal angle, both anteriorly edged with white, indicating a second fascia; cilia pale greyish-ochreous. Hindwings narrow; greyish-fuscous; cilia grey.

Townsville, Queensland. Two specimens, taken on sea beach, somewhat worn, in April.

## AEOLOSCELIS HEMICROCA, n. sp.

Male, female, 10-14. Head, palpi, thorax, and antennæ ochreous-yellow, somewhat brassy-tinged. Abdomen ochreous, segments dull silvery-white. Legs pale ochreous. Forewings narrow elongate; pale ochreous-yellow, somewhat tinged with brassy, deeper ochreous on basal half; a narrow leaden metallic subcostal streak from base to beyond middle, attenuated posteriorly; a similar line along fold, from base to anal angle; cilia ochreous, mixed with greyish. Hindwings narrow; pale fuscous; cilia as in forewings.

Rockhampton and Duaringa, Queensland. Three specimens; in November.

## PYRODERCES ARGYROZONA, n. sp.

Female, 8 mm. Head and thorax fuscous-orange, face shining white. Palpi white, banded with blackish, second joint more whitish. Antennæ white, sharply annulated with black, except towards apex, where there are two obscure blackish bands. Legs grey-whitish beneath, anterior pair banded above with black, posterior pair broadly banded above with dull orange. Abdomen ochreous, fuscous on terminal half. Forewings lanceolate, with expansible tuft of long ochreous hairs beneath; yellowish-orange, with silvery metallic markings, mixed with whitish; a narrow basal fascia extended to one-sixth inner margin; a narrow oblique fascia from costa at one-sixth to one-third inner margin, more whitish than others; a broader oblique fascia from costa in middle to beyond middle of inner margin; a similar one from costa near apex to anal angle, both the last fasciæ are somewhat dilated on costa; a narrow streak along termen; cilia greyish-ochreous. Hindwings linear; light fuscous; cilia as in forewings, but more ochreous at base.

Nearest *Schismatias*, Meyr., but abundantly distinct.

Duaringa, Queensland. One specimen; in November.

## LIMNÆCIA HETEROZONA, n. sp.

Female, 7 mm. Head whitish. Palpi whitish, narrowly banded with black. Antennæ whitish, annulated with fuscous. Thorax fuscous. Legs and abdomen greyish, posterior legs more whitish, irregularly banded with black. Forewings elongate-lanceolate; blackish, with white markings; three equidistant transverse fasciæ: first from costa at one-sixth to inner margin at one-sixth, inwardly oblique, somewhat obscured on inner margin; second slightly broader and distinct, from costa in middle to inner margin in middle, but hardly reaching it; third from five-sixths costa to anal angle, obscure on lower half, and somewhat cuneiform on costa; cilia dark fuscous, mixed with blackish at base around apex. Hindwings narrow, linear at base; fuscous; cilia light fuscous.

Duaringa, Queensland. One specimen; in November.

## LIMNÆCIA ISODESMA, n. sp.

Male, 14 mm. Head and palpi whitish-ochreous. Antennæ and thorax dark fuscous. Legs whitish, banded with fuscous, coxæ more whitish. Abdomen fuscous, anterior segments ochreous-tinged, beneath fuscous, ringed with whitish. Forewings elongate-lanceolate; dark fuscous, somewhat purplish shining; three equidistant, transverse, moderate whitish-ochreous fasciæ, from costa at one-fifth, beyond middle, and three-quarters respectively, all direct and reaching inner margin; cilia dark fuscous. Hindwings dark fuscous. Hindwings elongate-lanceolate; pale fuscous; cilia greyish-ochreous.

Easily known by the three equidistant fasciæ.

Melbourne, Victoria. One specimen; in November.

## LIMNÆCIA ANISODESMA, n. sp.

Female, 18 mm. Head and palpi ochreous-white, antennæ and thorax fuscous, antennæ finely annulated with whitish, and with a broad whitish band beyond middle. Legs fuscous, banded with whitish, posterior pair somewhat ochreous tinged. Abdomen ochreous-fuscous. Forewings elongate-lanceolate; dark purplish-fuscous, somewhat iridescent; a broad whitish-ochreous fascia, from costa at one-sixth to one-sixth inner margin, posterior edge slightly curved outwards; a narrow transverse ochreous-white fascia, from costa beyond middle to inner margin at three-quarters; a nearly straight similar streak from costa at five-sixths to anal angle, narrowed on lower half, and almost cut in middle by a streak of ground colour; cilia dark fuscous. Hindwings elongate-lanceolate; dark fuscous; cilia fuscous; greyish at base.

Somewhat allied to the preceding, but the broad anterior fascia distinguishes it at once from that species.

Melbourne, Victoria. One specimen; in March.

SYNTOMACTIS DECALOPHA, n. sp.

Male, 12 mm. Head, palpi, antennæ, and thorax ashy-grey-whitish, terminal joint of palpi with three blackish rings, basal joint with two; antennæ annulated with fuscous, obscure on terminal half. Abdomen fuscous, beneath white. Legs white, tibiæ and tarsi obscurely banded with fuscous. Forewings elongate-lanceolate; light leaden fuscous, with ten black tufts of scales, anteriorly broadly edged with ferruginous-ochreous, posteriorly narrowly with whitish; a few small white marks along costa; first tuft on fold, near base; second obliquely above and beyond; third below fold at one-quarter; fourth above dorsum, about middle; fifth above and midway between third and fourth; sixth above dorsum at three-fifths from base; seventh subcostal, beyond middle; eighth, ninth, and tenth, small and inconspicuous, scattered between base and three-quarters; a small ferruginous fuscous spot on fold at three-quarters; a short fuscous subapical dash; cilia ashy-grey-whitish, mixed with greyish-ochreous on terminal half. Hindwings narrow-lanceolate, fuscous; cilia fuscous, mixed with ochreous towards lower half of termen.

Closely allied to *Argoscia*, but apart from the broader wings it differs, chiefly by the greater number of tufts, and absence of spots along costa.

Penola, South Australia. One specimen; in November.

SYNTOMACTIS ARGOSCIA, n. sp.

Female, 10 mm. Head, palpi, and thorax white, greyish-tinged, terminal joint of palpi with three black bands, second joint with two similar bands. Antennæ greyish, obscurely ringed with fuscous. Abdomen greyish-fuscous. Legs whitish, banded with fuscous. Forewings elongate-lanceolate; whitish, suffused with leaden fuscous along dorsum and apical third; tufts black, anteriorly ferruginous-edged, posteriorly narrowly whitish; one close to base below middle; three equidistant at one-fifth, two-fifths, and three-fifths respectively, basal two edged posteriorly more broadly with whitish; a fifth tuft on fold at one-third, and two or three small, indistinct ones above three-fifths; costal edge narrowly ferruginous-fuscous in middle; three or four costal ferruginous spots between posterior end of this and apex; some scattered elongate ferruginous marks in disc; a blackish elongate subapical streak; a rather sharply defined whitish line along termen; cilia fuscous-grey-whitish. Hindwings narrow lanceolate, fuscous; cilia light fuscous.



Probably nearest *tephras*, Meyr., but differs by the ferruginous markings and different arrangement of tufts.

Melbourne. One specimen; in December.

SYNTOMACTIS GNOPHODES, n. sp.

Female, 12 mm. Head, antennæ, thorax, and abdomen dark fuscous, head and face sprinkled with whitish. Antennæ obscurely annulated with grey-whitish, abdomen beneath white. Palpi whitish, internally clearer, ringed with fuscous, somewhat obscure. Legs fuscous, posterior pair with tibiæ and tarsi banded with whitish. Forewings elongate-lanceolate; dark fuscous, mixed minutely with whitish, ferruginous, and fuscous metallic scales; tufts black; posteriorly finely edged with white, arranged in four transverse outwardly oblique series, the white posterior edging almost confluent, and thus tending to form narrow, thread-like fasciæ; first series of tufts close to base, rather obscure, followed on tornus by a moderate black tuft, finely edged with whitish; second series from one-third costa to one-third inner margin; third from three-fifths costa to about three-fifths inner margin; fourth from three-quarters costa to anal angle, a narrow black median streak from just before three-quarters to apex, cut by the fourth series of tufts; some white scales at apex, in which is placed a blackish spot; whitish scales along apical one-fifth of costa and along termen to anal angle; cilia dark fuscous. Hindwings and cilia dark fuscous.

Melbourne, Victoria. One specimen; in November.

SYNTOMACTIS PERINEPHES, n. sp.

Female, 18 mm. Head and thorax white. Palpi whitish, terminal joint with two fuscous bands, second joint internally fuscous, antennæ fuscous whitish. Abdomen fuscous. Legs white, somewhat infuscated. Forewings elongate-lanceolate; whitish, dorsal half fuscous; tufts blackish, somewhat ferruginous-edged, one near base below fold; a second on fold above and beyond, both small; a third transversely elongate, below fold at one-quarter; a fourth on fold, and a fifth on inner margin beyond middle; immediately following the last is a longitudinal streak of pure white, reaching anal angle, somewhat cuneiform; somewhat minute scattered scales of blackish on upper edge of dorsal streak; cilia fuscous. Hindwings and cilia fuscous; cilia purplish-tinged.

Melbourne, Victoria. One specimen; in November.

SYNTOMACTIS POLYCHROA, n. sp.

Female, 12 mm. Head, thorax, and antennæ white, antennæ annulated with fuscous, basal joint blackish. (Palpi

broken.) Abdomen fuscous, mixed with metallic coppery, beneath whitish. Legs whitish, banded with fuscous. Forewings blackish-fuscous; markings white; a broad basal patch, occupying basal third of wing, posteriorly limited by a nearly straight, blackish line; in the middle of patch is an obscure narrow fuscous transverse streak, obscure on lower half; an obscure outwardly oblique fascia on costa at two-fifths, reaching nearly half across wing; a somewhat quadrate spot on costa at three-quarters, reaching half across wing, more or less connected with lower edge of previous fascia, and enclosing an elongate-triangular spot of ground colour on costa; scale tufts metallic; three equidistant just above inner margin, between one-third and two-thirds; a whitish one at anal angle; two small ones above fold between first and second; second subcostal, on lower edge of fuscous triangular patch; cilia fuscous, mixed with ferruginous at base, and with an obscure whitish spot at apex; costal cilia blackish. Hindwings blackish-fuscous; cilia greyish-fuscous.

Melbourne, Victoria. One specimen; in December.

*SYNTOMACTIS MELAMYDRA*, n. sp.

Male, 8 mm. Head, palpi, antennæ, and thorax black. Abdomen grey, beneath with white segmental bands. Legs greyish, posterior pair blackish. Forewings elongate-lanceolate; dark fuscous, mixed with and some metallic scales; tufts black, anteriorly metallic; cilia dark fuscous. Hindwings narrow-lanceolate; pale fuscous; cilia fuscous. An obscure species.

Melbourne, Victoria. One specimen; in September.

*TRACHYDORA LEUCOBATHRA*, n. sp.

Male, 10 mm. Head fuscous, face snow-white. Palpi white, basal half of second joint black, terminal joint fuscous. Antennæ dentate, fuscous, anterior half white. Abdomen and legs black, abdomen more or less ringed with silvery white, more prominent beneath, legs banded with silvery-white, posterior coxæ silvery white. Forewings elongate-lanceolate; seven to costa; black with snow-white markings; four costal spots, first at one-eighth moderate; second largest at one-quarter; third and fourth close together, somewhat raised, at three-quarters; three minute subapical spots, arranged longitudinally; two large spots on inner margin, reaching nearly half across wing at one-quarter and beyond middle; tufts white anteriorly, black posteriorly, one below last two costal spots and nearly resting on inner margin, and two close together, transversely placed on middle of inner margin; cilia white, becoming black at apex and anal angle. Hindwings narrow-lanceolate; dark fuscous; cilia rather

dark fuscous. Easily known by the snow-white spots on the blackish ground colour, and whitish antennæ.

Cooktown, Queensland. One specimen; in April.

TRACHYDORA POLYZONA, n. sp.

Male, 10 mm. Head and palpi white, basal half of second joint fuscous. Thorax fuscous, anteriorly whitish, patagia white, antennæ dentate, with small pecten: fuscous-whitish. Abdomen ochreous, strongly margined, beneath fuscous, banded with silvery-white. Legs banded with fuscous, tarsi fuscous, ringed with white, posterior coxæ snow-white, anterior legs dark fuscous. Forewings elongate-lanceolate; fuscous, mixed with ochreous and black, with whitish markings; a short, moderately broad, oblique fascia from costa at one-sixth, reaching more than half across wing; a second, broader, from costa before middle, anterior edge distinct, posterior edge somewhat suffused into ground colour; a similar fascia on inner margin at one-quarter, anterior edge distinct, posterior edge somewhat suffused; another at anal angle, somewhat triangular; all the above markings are edged on either side with darker ground colour, especially those on inner margin; three minute subapical spots, arranged longitudinally; tufts anteriorly white, posteriorly fuscous; a small one at base of second costal spot; a second transversely double on inner margin in middle; a third above anal angle, and two others clear white and curved on costa at three-quarters; cilia white, becoming dark fuscous at apex and anal angle. Hindwings narrow-lanceolate; greyish-fuscous; cilia light fuscous, on basal half greyish-ochreous. Somewhat allied to the above, but distinct by the different coloured forewings, etc.

Mackay and Cooktown, Queensland. Two specimens; in March and April.

TRACHYDORA ZOPHOPEPLA, n. sp.

Female, 16 mm. Head, palpi, antennæ, thorax, and abdomen blackish-fuscous, second joint of palpi with tuft large, whitish internally on basal half, basal joint of antennæ whitish beneath, abdomen white beneath, ringed on sides. Legs fuscous-whitish, coxæ more whitish. Forewings elongate-lanceolate; dark fuscous, with some scattered, deep ferruginous and whitish scales, tufts moderate, dull whitish, anteriorly edged with blackish; two near base; another almost resting on inner margin at one-half; a second just above and beyond; third at two-thirds, larger, resting on inner margin; a fourth just above; a fifth just above anal angle, edged anteriorly by a sharp black streak, which is edged below with ferruginous; cilia dark fuscous, becoming darker on basal half, and with some scattered whitish scales. Hind-

wings narrow-lanceolate; bronzy-fuscous; cilia fuscous, greyish-ochreous basally.

Stawell, Victoria. One specimen; in October.

TRACHYDORA MOLYBDIMERA, n. sp.

Female, 10 mm. Head, palpi, antennæ, and thorax ashy-grey-whitish, palpi more whitish internally at base. Legs whitish, posterior pair fuscous. Abdomen dark fuscous, beneath white, anal tuft beneath white. Forewings elongate-lanceolate; dull fuscous-leadен, with somewhat metallic reflections; tufts rather obscure, somewhat leaden metallic, edged with ferruginous; one on inner margin before middle; another just above, both obscure; a third, ridge-like on inner margin at two-thirds; a fourth subcostal, above third; a fifth at three-quarters in middle of disc, edged with a sharp black streak above; a narrow fuscous line along fold; some black scales along termen and around apex; cilia fuscous. Hindwings narrow-lanceolate; dark fuscous, somewhat shining; cilia as in forewings.

Melbourne, Victoria. One specimen; in March.

TRACHYDORA ANTHRASCOPIA, n. sp.

Female, 20 mm. Head, palpi, antennæ, and thorax black. Abdomen grey-whitish, two anterior segments dull ochreous, beneath fuscous. Legs fuscous, mixed with whitish. Forewings elongate-lanceolate; black; a thick, black streak along fold from base to three-quarters; several obscure short streaks on posterior half of wing; some white scales along termen and apical fourth of costa; tufts moderate fuscous; one on fold at one-sixth; a second above and beyond; a third on fold at one-third, and two others, one above and one below third; three others similarly placed at posterior end of streak, middle one beyond others; another at anal angle; cilia blackish. Hindwings dark fuscous; cilia dark fuscous; greyish at base. Allied to *capnopa*, Low., but much broader winged, with abdomen with yellowish anterior segments, and with hindwings and cilia darker.

I have another closely allied species from Penola, South Australia, but not in a fit condition for description.

Grafton, New South Wales. One specimen; in December.

TRACHYDORA CENTROMELA, n. sp.

Female, 24 mm. Head, palpi, and antennæ grey-whitish, basal joint of antennæ darker fuscous. Thorax and abdomen fuscous, abdomen beneath silvery-grey. Legs fuscous, posterior pair grey-whitish. Forewings elongate-lanceolate; grey-whitish, tufts grey-whitish, anteriorly blackish; a broad blackish well-defined longitudinal median streak from base to apex, broadest on posterior two-thirds; apex of wing in-

fuscated; about four equidistant tufts of greyish scales resting on lower edge of streak, between one-third and three-quarters; two subcostal, one before and one beyond middle; cilia dark fuscous, mixed with whitish and grey, at apex with a black streak, continued from longitudinal streak to extreme tip, slightly curved. Hindwings lanceolate, moderately broad; shining bronzy-fuscous; cilia fuscous, becoming dull ochreous at base, especially towards costa.

Stawell, Victoria. One specimen; in December.

*TRACHYDORA MICROLEUCA*, n. sp.

Female, 20 mm. Head and thorax whitish. Palpi ashy-grey-whitish, terminal joint with three oblique black bands, second joint with an oblique band of blackish near base, above which is a narrow white sharply defined band. Antennæ fuscous-whitish, reddish tinged beneath towards base. Abdomen dark fuscous. Legs whitish, suffused with fleshy red and fuscous, anterior and posterior coxæ fleshy-red. Forewings elongate-lanceolate; cinereous grey; a black streak along fold from base to before middle; a similar streak beneath costa from base to middle; veins towards termen finely and obscurely outlined with black; tufts posteriorly white, anteriorly fuscous; first on fold at one-third; second on inner margin before middle; third above fold at three-fifths; fourth below fold at three-fifths; fifth just above anal angle; cilia fuscous, mixed with white on basal half. Hindwings lanceolate; bronzy-fuscous; cilia fuscous. The reddish legs and whitish tufts of forewings are excellent distinguishing characters of this species.

Cooktown, Queensland. One specimen; in November.

*TRACHYDORA ARGONEURA*, n. sp.

Female, 14 mm. Head, palpi, thorax, antennæ, and abdomen dark fuscous, second joint of palpi whitish internally towards base, abdomen ringed with whitish beneath. Legs grey-whitish, middle and posterior pair fuscous above, posterior tibiæ and tarsi banded with whitish. Forewings elongate-lanceolate; dark fuscous, more or less finely irrorated with whitish; a more or less distinct thick blackish streak from costa at base to apex, broadest on anterior half; a short elongate white streak lying on upper edge of streak at three-quarters from base; two very short oblique white streaks, from costa at one-sixth and one-quarter, reaching upper edge of median streak; streaks separated by a line of ground colour; a fine black line along termen and apex, posteriorly edged by a narrow whitish line, rather obscure; cilia cinereous grey, terminal third blackish. Hindwings lanceolate, narrow; fuscous; cilia fuscous.

Melbourne, Victoria. Two specimens; in March.